Index of Claims

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|-----------------------------------------|
| 09/826,070 | MESSERLY, JEFFREY D. |
| Examiner | Art Unit |

Rejected – (Through nume

- (Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

Vy Q. Bui

A Appeal
O Objected

3734

| | | | | | | | | | | | _ |
|--------------------------------------------------|------------------------------------------|----------------|-------------------|--------------|---------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|----|
| Cla | im | | | | Г | ate | | | | | |
| Cia | 11141 | 1 | | _ | $\overline{}$ | | _ | | - | - | |
| _ | Original | 7 19 07 | | | | | | | | | |
| Final | ġ | 10 | | | | | | | | | |
| ш | Ö | M | , | | | | | | | | |
| | | 07 | | | | | | | | | |
| | 1 | | | | | | | | | | |
| | 1 21 33 | | | | | | | | | | |
| | 3 | 1 1 | | | | | | | | | |
| | 4 | | | | | | | | | | |
| | 4 | | | | | | | | | | |
| | 6 | П | | | | | | | | | |
| | 7 | | | | | | | | | | |
| | 4 5 6 7 8 S | | | | | | | | | | |
| | g | П | | | | | | | | F | |
| | 10 | | - | Г | | | | | | | |
| | 11 | | _ | \vdash | Г | | | | | | |
| | 12 | П | | \vdash | \vdash | | | | | | ١. |
| | 13 | \vdash | | _ | | П | | | | | 1 |
| <u> </u> | | Н | _ | T | \vdash | Г | | | Т | | ĺ |
| | 15 | Н | | Т | Г | | | | | Г | |
| | 14 15 16 | Н | _ | _ | \vdash | T | \vdash | _ | | Г | 1 |
| <u> </u> | 17 | Н | | Н | t | Ι_ | | | \vdash | Г | |
| | 18 | | | \vdash | t | - | \vdash | - | _ | <u> </u> | i |
| | 18 19 20 | + | | \vdash | \vdash | - | - | | _ | - | |
| | 3h | - | _ | ┢ | \vdash | \vdash | <u> </u> | - | | - | 1 |
| | 21 | | - | ┝ | ╁ | \vdash | - | ┢─ | \vdash | \vdash | 1 |
| | 22 | 1 | ┢ | ┢ | - | ┢ | ┢ | \vdash | \vdash | H | 1 |
| | 21 22 23 24 25 26 | H | _ | \vdash | \vdash | | ┢ | \vdash | \vdash | - | 1 |
| ├── | 24 | 1 | | ╁ | ╁ | | _ | ┝ | \vdash | ├— | 1 |
| - | 25 | 11 | ┢ | ╁ | | - | ┝ | _ | ⊢ | ╁ | 1 |
| | 25 | V- | _ | | \vdash | - | ⊢ | \vdash | - | ┢╌ | 1 |
| \vdash | 27 | 1. | | F | \vdash | | - | ┢ | - | ├ | 1 |
| ļ | 27 28 | 4 | ⊢ | ┝ | ⊢ | ╌ | | ┢ | - | ┝╌ | 1 |
| ├ | 20 | H | - | ┝ | ╀ | ├ | - | \vdash | - | ⊢ | 1 |
| | 29 30 | Н, | - | | + | ├─ | ⊢ | \vdash | ┢┈ | ┢ | ┨ |
| | 30 | 10 | <u> </u> | \vdash | ╁ | - | - | \vdash | ├ | ┢ | ł |
| <u> </u> | 31 | 1 | - | - | \vdash | \vdash | | _ | - | +- | 1 |
| <u> </u> | 32 33 | ⊢ | <u> </u> | ⊢ | ┼- | ⊢ | | - | ├- | \vdash | 1 |
| ├— | 33 | | _ | Ͱ | \vdash | \vdash | | ├ | ├- | ├ - | 1 |
| <u> </u> | 34 | \vdash | ├- | 1 | \vdash | — | ├ | ├- | ⊢ | ┼- | 1 |
| <u> </u> | 35 | - | <u> </u> | \vdash | | - | \vdash | ├ | - | ⊢ | 1 |
| | 36 | ↓_ | _ | ┞ | ╄ | ┡ | ļ | - | \vdash | | 1 |
| <u> </u> | 37 | - | - | | 1 | ₩ | ├- | \vdash | ╀ | 1- | 1 |
| | 38 | _ | $ldsymbol{f eta}$ | \vdash | - | ļ | _ | ┞- | ┡ | \vdash | 1 |
| <u></u> | 39 | 1 | _ | ↓_ | 1 | <u> </u> | - | ┡ | ـ | \vdash | - |
| | 40 | _ | L | 1 | 1_ | ₩ | ļ | <u> </u> | _ | 1- | 4 |
| | 41 | \perp | L | ↓_ | \perp | ـ | | ┞ | 1_ | \vdash | 1 |
| L | 42 | <u> </u> | L | | 1 | <u> </u> | ↓_ | ┞- | \perp | | 1 |
| | 43 | L | <u> </u> | ↓_ | \perp | ↓_ | _ | \perp | $oxed{igspace}$ | ┺ | 1 |
| | 44 | _ | $ldsymbol{f eta}$ | \perp | $oxed{oxed}$ | ┺ | | $oxed{oxed}$ | ┖ | 1_ | 1 |
| | 45 | | | | | 1 | 丄 | <u> </u> | ↓_ | $oxed{oxed}$ | 1 |
| | 46 | | L | \perp | \perp | | | <u>L</u> | ↓_ | 1_ | 1 |
| | 47 | | Ĺ | L | | | | \perp | | <u> </u> | 1 |
| | 48 | | | L | | | | | | | |
| | 49 | | | L | L | L | Ĺ | | | | 1 |
| | 50 | Ι | | L | | | | L^{T} | | | |
| | | | | | | _ | | | | | - |

| Cia | Claim | | Date | | | | | | | | | |
|----------|----------|----------|----------------------------------------|------------|--------------------------------------------------|----------------------------------------|-------------------------------------|----------------|--------------------------------------------------|---------------|--|--|
| | | | | | | | | | | | | |
| <u>a</u> | Original | | | | | | | | | | | |
| Final | rigi | | | | | | | | | - | | |
| " | Ō | | | | | | | | | | | |
| - | 51 | _ | | \vdash | | \vdash | \dashv | - | _ | \dashv | | |
| | 51 | _ | | ⊢ | | \vdash | Н | - | | ${\mathbb H}$ | | |
| | 52 53 | | _ | ┝ | _ | - | \dashv | \dashv | | \dashv | | |
| | 53 | | _ | - | _ | - | | | | \vdash | | |
| | 54 | | | _ | _ | | | | | Н | | |
| <u> </u> | 55 | <u> </u> | | - | \vdash | _ | - | | | Н | | |
| | 56 | | ļ | <u> </u> | L | - | _ | | | Щ | | |
| | 57 | _ | <u> </u> | <u> </u> _ | L | <u> </u> | | | _ | | | |
| | 58 | | _ | _ | L | <u> </u> | | | | | | |
| L | 59 | | L. | L | <u> </u> | L | Щ | | | | | |
| <u></u> | 60 | | <u> </u> | <u> </u> | _ | L | Ш | | <u> </u> | Щ | | |
| | 61 | | _ | L | _ | | | | | Щ | | |
| | 62 | L | <u> </u> | | | | | | | Ш | | |
| | 63 | | _ | _ | L | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | Ш | | |
| | 64 | | | L | | | | | | | | |
| | 65 | | | | | | | | | | | |
| | 66 | Γ | | | | | | | Ĺ | | | |
| | 67 | | Г | Г | | | | | | | | |
| | 68 | Г | | Π | Г | Г | П | | | | | |
| | 69 | | | T | | | П | | | П | | |
| | 70 | | 一 | | | ऻ | | | | П | | |
| | 71 | 1 | 一 | t | | ┢ | Т | \vdash | | | | |
| | 72 73 | _ | ╁ | \vdash | | ┢ | | ┢ | | | | |
| _ | 73 | | ├- | ┢ | | 1- | ╁┈ | \vdash | \vdash | | | |
| | 74 | ┢ | ┢╌ | ╁ | - | +- | - | | - | | | |
| - | 74 75 | - | ╁╌ | + | ╁ | ╁╾ | - | - | \vdash | | | |
| - | 76 | ╁ | ┢ | - | \vdash | ╁ | ╁ | | \vdash | ┢ | | |
| - | 76 77 | - | ╁ | ├ | \vdash | ╁╌ | ├ | - | | ┢ | | |
| - | 78 | ┢ | - | ┢╌ | ┢ | ╁ | ├ | - | H | ┢ | | |
| - | 79 | ┢ | ├ | ⊢ | ├ | ╁╌ | ⊢ | \vdash | ⊢ | \vdash | | |
| | 80 | ⊢ | ⊢ | ╁ | ├ | ⊢ | ⊢ | ⊢ | ├- | - | | |
| | 80 | - | ⊢ | ├ | ⊢ | ╀ | - | - | ├- | ├ | | |
| - | 81 | \vdash | | ₩ | ┢ | ₩ | ├- | \vdash | - | ⊢ | | |
| - | 82 | ┞ | ļ | ╄ | ! — | <u> </u> | ⊢ | ⊢ | - | ┝ | | |
| - | 83 | ! | ┞ | ـ | ļ | - | 1 | | - | <u> </u> | | |
| <u> </u> | 84 | \vdash | _ | ـ | ₩ | ╀ | | | <u> </u> | | | |
| | 85 | \vdash | | | ╙ | 1 | 1_ | - | ├- | ├ ─ | | |
| <u></u> | 86 | ┞ | ऻ_ | 1 | 1 | ↓ | <u> </u> | ┞ | ├ | | | |
| <u> </u> | 87 | L | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | \vdash | ـ | ↓ | ↓_ | ـ | | | |
| <u> </u> | 88 | _ | \perp | ↓_ | ╄ | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | | ! | ┞- | | |
| | 89 | \perp | \perp | 1_ | \perp | | 1_ | <u> </u> | 1_ | <u> </u> | | |
| | 90 | <u> </u> | \perp | 1_ | 1_ | 1_ | $oxed{oxed}$ | <u> </u> | _ | <u> </u> | | |
| | 91 | | | <u></u> | \perp | L | 丄 | <u> </u> | ↓_ | 1_ | | |
| | 92 | | | | | | | <u> </u> | _ | | | |
| | 93 | | | Ĺ | | | | | L | | | |
| | 94 | | | | | | L^- | \Box | | | | |
| | 95 | | Т | T | П | Τ | Τ | Г | | | | |
| | 96 | 1 | 1 | 1 | 1 | Τ | Τ | П | | | | |
| | 97 | T | T | T | T | † | | Π | Τ | | | |
| | 98 | Т | T | 1 | T | 1 | 1 | 1 | 1 | 1 | | |
| | 99 | \top | 1 | \dagger | T | T | T | 1 | 1 | 1 | | |
| | 100 | +- | T | \top | ╁┈ | T | \vdash | t | 1 | 1 | | |
| | 1.00 | ٠ | | | Щ. | 1 | | ь_ | _ | | | |

| Cla | aim | | | | | ate | | | | \neg |
|----------|------------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|-----------------|----------|-------------|----------|----------|------------------|
| | | | | | | | | | | |
| Final | Original | | | | | | | | | |
| ίΞ |)riç | | | | | | | | | |
| | | | | | | | | | \Box | _ |
| | 101 102 | | | | | Ш | | | | _ |
| | 102 | _ | | | | | | | | |
| | 103 | | _ | | | | | | | |
| | 104 105 | | | | | _ | | \vdash | | \dashv |
| | 105 | | | | | | | \vdash | | \dashv |
| | 107 | | | _ | | | - | H | | \dashv |
| | 107 | - | _ | | | \vdash | - | | | \dashv |
| | 100 | - | | Н | | - | _ | \vdash | | ᅱ |
| _ | 110 | | | | | H | | - | \dashv | - |
| | 108 109 110 111 | \vdash | | \vdash | | \vdash | \vdash | | \vdash | |
| | 112 | Н | _ | | - | | | | Н | \dashv |
| | 113 | | | | | | | | П | \neg |
| | 112 113 114 115 | П | | | | Г | | | П | |
| | 115 | | | | П | | | | | |
| | l 116 | | | | | | | | | |
| | 117 118 | | | | | _ | | | Ш | |
| | 118 | | | _ | | L. | _ | _ | | Щ |
| | l 119 | | | L | | _ | ╙ | <u> </u> | | |
| | 120 | <u> </u> | _ | | | | <u> </u> | | <u> </u> | \vdash |
| | 121 | _ | <u> </u> | \vdash | <u> </u> | ⊢ | _ | - | - | |
| | 122 | _ | <u> </u> | | | | ⊢ | \vdash | | |
| | 123 | _ | | _ | ├ | - | - | - | ├─ | _ |
| _ | 120 121 122 123 124 125 126 127 | | ├ | - | - | ┢ | - | - | \vdash | H |
| | 126 | | H | | - | 一 | | | - | \neg |
| | 127 | T | | | - | <u> </u> | Г | | | |
| | 128 | | | | | T | Г | Г | Г | |
| | 128 129 130 | | | | | | | | | |
| | 130 | | | | | | | | Ľ. | |
| | 131 132 | 乚 | | | | | L | L | ┖ | |
| | 132 | 1_ | _ | _ | <u> </u> | ļ | _ | <u> </u> | ┖ | Ш |
| | 133 | | _ | L | | <u> </u> | ┡ | L | _ | Ш |
| <u></u> | 134 | Ļ _ | - | \vdash | _ | | ⊢ | ├ | - | |
| | 135 | ┼ | - | \vdash | - | ₽- | ⊢ | ₩ | - | \vdash |
| | 136 137 | ₩- | \vdash | ├- | - | \vdash | ╁ | ⊢ | \vdash | Н |
| <u> </u> | 138 | ┼ | ⊢ | + | \vdash | ╁ | +- | ├ | \vdash | \vdash |
| <u> </u> | 139 | \vdash | | ╁╌ | \vdash | ╁ | 十 | + | \vdash | \vdash |
| | 140 | t | T | \vdash | \vdash | † | T | \vdash | 1 | Н |
| | 141 | Ι- | 厂 | T | Т | 1- | Т | T | T | П |
| | 142 | 1 | Τ | 1 | Γ | 1 | L | | | |
| | 143 | 1 | | Γ | | L | | | | |
| | 144 | | | | | | | | | |
| | 145 | | | | Ĺ | | Ĺ | 匚 | | |
| | 146 | L | _ | <u> </u> | Ĺ | ↓_ | \perp | \perp | 上 | $ldsymbol{oxed}$ |
| | 147 | <u> </u> | _ | ↓_ | \perp | ـ | 1 | ↓_ | ــــ | ⊢ |
| | 148 | ₩ | <u> </u> | _ | $oxed{igspace}$ | ╄- | - | ـ | 1 | <u> </u> |
| <u> </u> | 149 | \vdash | ╀- | ـ | \vdash | ╄ | \vdash | - | \vdash | - |
| L | 150 | | L_ | 1_ | _ | L | <u></u> | <u>L</u> | <u> </u> | <u>L</u> |
| | _ | | | | | | | | | |